

Titles of most frequently occurring classifications of patents returned
from a search of 10589035 on Dec 01, 2009

- 6 375/ E7. 211 (0 OR, 6 XR)
Class 375 PULSE OR DIGITAL COMMUNICATIONS
375/ E7. 001 . SYSTEMS FOR THE TRANSMISSION OF TELEVISION SIGNALS USING
PULSE CODE MODULATION (EPO)
375/ E7. 026 .. Using bandwidth reduction; source coding or decoding of
digital video signal, e.g., digital video signal compression; Pre- or postprocessing
therefor (EPO)
375/ E7. 211 ... Involving transform and predictive coding, e.g., hybrid
coding, Motion Picture Experts Group (MPEG) coding (EPO)
- 5 704/ E19. 043 (0 OR, 5 XR)
Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS,
LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION
704/ E19. 001 . SPEECH OR AUDIO SIGNAL ANALYSIS-SYNTHESIS TECHNIQUES FOR
REDUNDANCY REDUCTION, E.G., IN VOCODERS, ETC.; CODING OR DECODING OF SPEECH OR AUDIO
SIGNALS; COMPRESSION OR EXPANSION OF SPEECH OR AUDIO SIGNALS, E.G., SOURCE-FILTER
MODELS, PSYCHOACOUSTIC ANALYSIS, ETC. (EPO)
704/ E19. 023 .. Using predictive techniques; codecs based on source-filter
modelization (EPO)
704/ E19. 039 ... Details of speech and audio coders (EPO)
704/ E19. 04 Vocoder architecture (EPO)
704/ E19. 041 Vocoders using multiple modes (EPO)
704/ E19. 043 Mode decision, i.e., based on audio signal content
versus external parameter (EPO)
- 4 704/ 223 (4 OR, 0 XR)
Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS,
LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION
704/ 200 . SPEECH SIGNAL PROCESSING
704/ 201 .. For storage or transmission
704/ 221 ... Pattern matching vocoders
704/ 223 Excitation patterns
- 4 704/ E19. 042 (0 OR, 4 XR)
Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS,
LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION
704/ E19. 001 . SPEECH OR AUDIO SIGNAL ANALYSIS-SYNTHESIS TECHNIQUES FOR
REDUNDANCY REDUCTION, E.G., IN VOCODERS, ETC.; CODING OR DECODING OF SPEECH OR AUDIO
SIGNALS; COMPRESSION OR EXPANSION OF SPEECH OR AUDIO SIGNALS, E.G., SOURCE-FILTER
MODELS, PSYCHOACOUSTIC ANALYSIS, ETC. (EPO)
704/ E19. 023 .. Using predictive techniques; codecs based on source-filter
modelization (EPO)
704/ E19. 039 ... Details of speech and audio coders (EPO)
704/ E19. 04 Vocoder architecture (EPO)
704/ E19. 041 Vocoders using multiple modes (EPO)
704/ E19. 042 Using sound class specific coding, hybrid encoders,
object-based coding (EPO)
- 4 704/ 230 (1 OR, 3 XR)
Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS,
LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION
704/ 200 . SPEECH SIGNAL PROCESSING
704/ 201 .. For storage or transmission
704/ 230 ... Quantization
- 4 386/ 111 (1 OR, 3 XR)
Class 386 TELEVISION SIGNAL PROCESSING FOR DYNAMIC RECORDING OR
REPRODUCING
386/ 46 . PROCESSING OF TELEVISION SIGNAL FOR DYNAMIC RECORDING OR

REPRODUCI NG

- 386/ 109 .. Compressing in recording or decompressing in reproducing
- 386/ 111 ... Intraframe or interframe

- 4 375/ E7. 148 (0 OR, 4 XR)
 - Class 375 PULSE OR DI G I T A L COMMUNI CATI ONS
 - 375/ E7. 001 . SYSTEMS FOR THE TRANSM SSI O N OF TELEVI SI O N SI G NALS USI NG PULSE CODE MODULATI O N (EPO)
 - 375/ E7. 026 .. Using bandwidth reduction ; source coding or decoding of digital video signal , e. g. , digital video signal compression; Pre- or postprocessing thereof (EPO)
 - 375/ E7. 126 ... Adaptive or control aspects thereof (EPO)
 - 375/ E7. 132 Controlled element or parameter (EPO)
 - 375/ E7. 146 Coding or prediction mode selection (EPO)
 - 375/ E7. 148 Refresh, i. e. , intra-coding mode decision, e. g. , at macroblock or picture level (EPO)

- 4 375/ E7. 224 (0 OR, 4 XR)
 - Class 375 PULSE OR DI G I T A L COMMUNI CATI ONS
 - 375/ E7. 001 . SYSTEMS FOR THE TRANSM SSI O N OF TELEVI SI O N SI G NALS USI NG PULSE CODE MODULATI O N (EPO)
 - 375/ E7. 026 .. Using bandwidth reduction ; source coding or decoding of digital video signal , e. g. , digital video signal compression; Pre- or postprocessing thereof (EPO)
 - 375/ E7. 211 ... Involving transform and predictive coding , e. g. , hybrid coding, Motion Picture Experts Group (MPEG) coding (EPO)
 - 375/ E7. 224 Forced updating thereof, e. g. , refresh techniques, intra/inter-coding mode selection at macroblock or picture level (EPO)

- 3 704/ 219 (3 OR, 0 XR)
 - Class 704 DATA PROCESSI NG: SPEECH SI G NAL PROCESSI NG, LI NGUI STI CS, LANGUAGE TRANSLATI O N, AND AUDI O COMPRESSI O N/ DECOMPRESSI O N
 - 704/ 200 . SPEECH SI G NAL PROCESSI NG
 - 704/ 201 .. For storage or transmi ssi o n
 - 704/ 219 ... Li near prediction

- 3 704/ 500 (2 OR, 1 XR)
 - Class 704 DATA PROCESSI NG: SPEECH SI G NAL PROCESSI NG, LI NGUI STI CS, LANGUAGE TRANSLATI O N, AND AUDI O COMPRESSI O N/ DECOMPRESSI O N
 - 704/ 500 . AUDI O SI G NAL BANDW DTH COMPRESSI O N OR EXPANSI O N

- 3 375/ 340 (1 OR, 2 XR)
 - Class 375 PULSE OR DI G I T A L COMMUNI CATI ONS
 - 375/ 316 . RECEI VERS
 - 375/ 340 .. Particular pulse demodul ator or detector

- 2 704/ 200. 1 (1 OR, 1 XR)
 - Class 704 DATA PROCESSI NG: SPEECH SI G NAL PROCESSI NG, LI NGUI STI CS, LANGUAGE TRANSLATI O N, AND AUDI O COMPRESSI O N/ DECOMPRESSI O N
 - 704/ 200 . SPEECH SI G NAL PROCESSI NG
 - 704/ 200. 1 .. Psychoacousti c

- 2 704/ 201 (1 OR, 1 XR)
 - Class 704 DATA PROCESSI NG: SPEECH SI G NAL PROCESSI NG, LI NGUI STI CS, LANGUAGE TRANSLATI O N, AND AUDI O COMPRESSI O N/ DECOMPRESSI O N
 - 704/ 200 . SPEECH SI G NAL PROCESSI NG
 - 704/ 201 .. For storage or transmi ssi o n

- 2 375/ 243 (2 OR, 0 XR)
 - Class 375 PULSE OR DI G I T A L COMMUNI CATI ONS
 - 375/ 242 . PULSE CODE MODULATI O N
 - 375/ 243 .. Correcting or reducing quantizing errors

- 2 704/203 (1 OR, 1 XR)
 Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS,
 LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION
 704/200 . SPEECH SIGNAL PROCESSING
 704/201 .. For storage or transmission
 704/203 ... Transformation
- 2 375/240.13 (2 OR, 0 XR)
 Class 375 PULSE OR DIGITAL COMMUNICATIONS
 375/240 . BANDWIDTH REDUCTION OR EXPANSION
 375/240.01 .. Television or motion video signal
 375/240.12 ... Predictive
 375/240.13 Intra/inter selection
- 2 348/699 (0 OR, 2 XR)
 Class 348 TELEVISION
 348/571 . IMAGE SIGNAL PROCESSING CIRCUITRY SPECIFIC TO TELEVISION
 348/699 .. Motion vector generation
- 2 375/E7.255 (0 OR, 2 XR)
 Class 375 PULSE OR DIGITAL COMMUNICATIONS
 375/E7.001 . SYSTEMS FOR THE TRANSMISSION OF TELEVISION SIGNALS USING
 PULSE CODE MODULATION (EPO)
 375/E7.026 .. Using bandwidth reduction; source coding or decoding of
 digital video signal, e.g., digital video signal compression; Pre- or postprocessing
 thereof (EPO)
 375/E7.243 ... Involving predictive coding (EPO)
 375/E7.255 Using temporal prediction (EPO)
- 2 375/E7.281 (0 OR, 2 XR)
 Class 375 PULSE OR DIGITAL COMMUNICATIONS
 375/E7.001 . SYSTEMS FOR THE TRANSMISSION OF TELEVISION SIGNALS USING
 PULSE CODE MODULATION (EPO)
 375/E7.279 .. Systems for detection or correction of transmission errors
 (EPO)
 375/E7.281 ... Using error concealment (EPO)
- 2 375/E7.25 (0 OR, 2 XR)
 Class 375 PULSE OR DIGITAL COMMUNICATIONS
 375/E7.001 . SYSTEMS FOR THE TRANSMISSION OF TELEVISION SIGNALS USING
 PULSE CODE MODULATION (EPO)
 375/E7.026 .. Using bandwidth reduction; source coding or decoding of
 digital video signal, e.g., digital video signal compression; Pre- or postprocessing
 thereof (EPO)
 375/E7.243 ... Involving predictive coding (EPO)
 375/E7.248 Using subsampling at the coder or sample restitution by
 interpolation at the coder or decoder (EPO)
 375/E7.25 With motion compensated interpolation, e.g., involving
 bidirectional frame interpolation, i.e., use of B-pictures (EPO)
- 2 348/700 (0 OR, 2 XR)
 Class 348 TELEVISION
 348/571 . IMAGE SIGNAL PROCESSING CIRCUITRY SPECIFIC TO TELEVISION
 348/700 .. Motion dependent key signal generation or scene change
 detection
- 2 348/E9.037 (0 OR, 2 XR)
 Class 348 TELEVISION
 348/E9.001 . DETAILS OF COLOR TELEVISION SYSTEMS (EPO)
 348/E9.037 .. Circuits for processing color signals (EPO)
- 2 375/296 (1 OR, 1 XR)
 Class 375 PULSE OR DIGITAL COMMUNICATIONS

- 375/ 295 . TRANSM ITERS
 375/ 296 .. Antinoise or distortion (includes predistortion)
- 2 332/ 107 (0 OR, 2 XR)
 Class 332 MODULATORS
 332/ 106 . PULSE OR INTERRUPTED CONTINUOUS WAVE MODULATOR
 332/ 107 .. Including stabilization or alternatively distortion, noise
 or other interference prevention, reduction or compensation
- 2 704/ 229 (1 OR, 1 XR)
 Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS,
 LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION
 704/ 200 . SPEECH SIGNAL PROCESSING
 704/ 201 .. For storage or transmission
 704/ 229 ... Adaptive bit allocation
- 2 375/ 325 (0 OR, 2 XR)
 Class 375 PULSE OR DIGITAL COMMUNICATIONS
 375/ 316 . RECEIVERS
 375/ 322 .. Angle modulation
 375/ 324 ... Particular demodulator
 375/ 325 Including coherent detector
- 2 G9B/ 27.033 (0 OR, 2 XR)
 Class G9B INFORMATION STORAGE BASED ON RELATIVE MOVEMENT BETWEEN
 RECORD CARRIER AND TRANSDUCER
 G9B/ 27 . Editing; Indexing; Addressing; Timing or synchronizing;
 Monitoring; Measuring tape travel {G11B 27/00}
 G9B/ 27.017 .. Indexing; Addressing; Timing or synchronizing; Measuring
 tape travel {G11B 27/10}
 G9B/ 27.025 ... by using information detectable on the record carrier
 {G11B 27/19}
 G9B/ 27.029 by using information signals recorded by the same method
 as the main recording [N: G9B/ 27.026 takes precedence] {G11B 27/28}
 G9B/ 27.03 on the same track as the main recording {G11B 27/30}
 G9B/ 27.033 [N: used signal is digitally coded] {G11B 27/30C}
- 2 375/ 244 (0 OR, 2 XR)
 Class 375 PULSE OR DIGITAL COMMUNICATIONS
 375/ 242 . PULSE CODE MODULATION
 375/ 244 .. Differential
- 2 375/ 240.16 (2 OR, 0 XR)
 Class 375 PULSE OR DIGITAL COMMUNICATIONS
 375/ 240 . BANDWIDTH REDUCTION OR EXPANSION
 375/ 240.01 .. Television or motion video signal
 375/ 240.12 ... Predictive
 375/ 240.16 Motion vector
- 2 386/ E9.013 (0 OR, 2 XR)
 Class 386 TELEVISION SIGNAL PROCESSING FOR DYNAMIC RECORDING OR
 REPRODUCING
 386/ E9.001 . PROCESSING OF COLOR TELEVISION SIGNALS IN CONNECTION WITH
 RECORDING (EPO)
 386/ E9.011 .. Transformation of the television signal for recording
 (e.g., modulation, frequency changing, etc.); inverse transformation for playback
 (EPO)
 386/ E9.012 ... Involving pulse code modulation of the color picture
 signal components (EPO)
 386/ E9.013 Involving data reduction (EPO)
- 2 375/ 265 (1 OR, 1 XR)
 Class 375 PULSE OR DIGITAL COMMUNICATIONS

375/ 259 . SYSTEMS USI NG ALTERNATI NG OR PULSATI NG CURRENT
 375/ 260 .. Plural channels for transmissi on of a single pulse train
 375/ 261 ... Quadrature amplitude modulation
 375/ 265 Trellis encoder or Trellis decoder

2 375/ E7. 081 (0 OR, 2 XR)
 Class 375 PULSE OR DI GI TAL COMMUNI CATI ONS
 375/ E7. 001 . SYSTEMS FOR THE TRANSM SSI ON OF TELEVI SI ON SI GNALS USI NG
 PULSE CODE MODULATI ON (EPO)
 375/ E7. 026 .. Usi ng bandwidth reduction ; source coding or decoding of
 digital video signal , e.g. , digital video signal compressi on; Pre- or postprocessi ng
 ther efor (EPO)
 375/ E7. 076 ... Involvi ng video object s (EPO)
 375/ E7. 081 Shape coding ther efor (EPO)

2 375/ E7. 088 (0 OR, 2 XR)
 Class 375 PULSE OR DI GI TAL COMMUNI CATI ONS
 375/ E7. 001 . SYSTEMS FOR THE TRANSM SSI ON OF TELEVI SI ON SI GNALS USI NG
 PULSE CODE MODULATI ON (EPO)
 375/ E7. 026 .. Usi ng bandwidth reduction ; source coding or decoding of
 digital video signal , e.g. , digital video signal compressi on; Pre- or postprocessi ng
 ther efor (EPO)
 375/ E7. 088 ... Involvi ng coding of different picture or data components
 (EPO)

2 375/ E7. 111 (0 OR, 2 XR)
 Class 375 PULSE OR DI GI TAL COMMUNI CATI ONS
 375/ E7. 001 . SYSTEMS FOR THE TRANSM SSI ON OF TELEVI SI ON SI GNALS USI NG
 PULSE CODE MODULATI ON (EPO)
 375/ E7. 026 .. Usi ng bandwidth reduction ; source coding or decoding of
 digital video signal , e.g. , digital video signal compressi on; Pre- or postprocessi ng
 ther efor (EPO)
 375/ E7. 104 ... Motion estimation ther efor; processi ng of motion vectors
 for bandwidth reduction purposes (EPO)
 375/ E7. 105 Methods (EPO)
 375/ E7. 109 Nonblock-based processi ng (EPO)
 375/ E7. 111 Usi ng regi ons (EPO)

2 375/ E7. 124 (0 OR, 2 XR)
 Class 375 PULSE OR DI GI TAL COMMUNI CATI ONS
 375/ E7. 001 . SYSTEMS FOR THE TRANSM SSI ON OF TELEVI SI ON SI GNALS USI NG
 PULSE CODE MODULATI ON (EPO)
 375/ E7. 026 .. Usi ng bandwidth reduction ; source coding or decoding of
 digital video signal , e.g. , digital video signal compressi on; Pre- or postprocessi ng
 ther efor (EPO)
 375/ E7. 104 ... Motion estimation ther efor; processi ng of motion vectors
 for bandwidth reduction purposes (EPO)
 375/ E7. 123 Processi ng of motion vectors (EPO)
 375/ E7. 124 Encodi ng (EPO)

2 375/ E7. 222 (0 OR, 2 XR)
 Class 375 PULSE OR DI GI TAL COMMUNI CATI ONS
 375/ E7. 001 . SYSTEMS FOR THE TRANSM SSI ON OF TELEVI SI ON SI GNALS USI NG
 PULSE CODE MODULATI ON (EPO)
 375/ E7. 026 .. Usi ng bandwidth reduction ; source coding or decoding of
 digital video signal , e.g. , digital video signal compressi on; Pre- or postprocessi ng
 ther efor (EPO)
 375/ E7. 211 ... Involvi ng transform and predicti ve coding , e.g. , hybrid
 codi ng, Motion Picture Experts Group (MPEG) codi ng (EPO)
 375/ E7. 222 Multipl exi ng arrangements ther efor, e.g. , suited to a
 video bit stream syntax (EPO)

2 375/ E7. 256 (0 OR, 2 XR)

Class 375 PULSE OR DIGITAL COMMUNICATIONS
 375/E7.001 . SYSTEMS FOR THE TRANSMISSION OF TELEVISION SIGNALS USING
 PULSE CODE MODULATION (EPO)
 375/E7.026 .. Using bandwidth reduction ; source coding or decoding of
 digital video signal, e.g., digital video signal compression; Pre- or postprocessing
 thereof (EPO)
 375/E7.243 ... Involving predictive coding (EPO)
 375/E7.255 Using temporal prediction (EPO)
 375/E7.256 Using motion compensation, e.g., by means of motion
 vectors (EPO)

2 375/E7.267 (0 OR 2 XR)
 Class 375 PULSE OR DIGITAL COMMUNICATIONS
 375/E7.001 . SYSTEMS FOR THE TRANSMISSION OF TELEVISION SIGNALS USING
 PULSE CODE MODULATION (EPO)
 375/E7.267 .. Systems for transmission of a pulse code modulated video
 signal with one or more other pulse code modulated signals, e.g., an audio signal, a
 synchronizing signal (EPO)